

STEREO MOC Status Report
Time Period: 2012:198 - 2012:204

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 199, during the DSS-32 support, turbo decoder lock was lost briefly beginning at 0604z. This anomaly resulted in the loss of five frames of SSR data. This anomaly is being investigated with ESA.
 - On day 200, during the DSS-32 support, turbo decoder lock was lost briefly beginning at 0609z. This anomaly resulted in the loss of 15 frames of SSR data. This anomaly is being investigated with ESA.
 - On day 201, during the DSS-65 support, turbo decoder lock was lost intermittently beginning at 0402z through 0451z. This anomaly resulted in the loss of 385 frames of SSR data. See DR# N108280 for more information.
 - On day 201, during the DSS-14 support, command uplink was delayed 17 minutes at 1149z due to a transmitter anomaly. The transmitter server was reset and the uplink was established at 1206z. This anomaly resulted in the loss of 17 minutes of SSR data for each instrument. See DR# G113028 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 4.2 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - None.

2. The following spacecraft/instrument events occurred during this week:

- On day 198, the IMPACT science partition reached 95% full and SWAVES science partition reached 100% full starting at the following times:
 - IMPACT - 1901z for 6.5 hours
 - SWAVES - 1640z for 8.5 hours

The primary cause for the overwriting of science data was due to the unplanned downtime of DSS-63.

- On day 199, the 43rd momentum dump was successfully executed at 1930Z, which imparted a delta V of 0.0697 m/sec.
- On day 199, the IMPACT and PLASTIC science partitions reached 95% full and SWAVES science partition reached 100% full starting at the following times:
 - IMPACT - 0715z for 9.75 hours
 - PLASTIC - 1235z for 4.4 hours
 - SWAVES - 0116z for 3 minutes
 - SWAVES - 0802z for 9 hours

The primary cause for the overwriting of science data was due to the unplanned downtime of DSS-63.

- On day 200, the SWAVES science partition reached 100% full starting at the following times:
 - SWAVES - 2141z for 25 minutes

The primary cause for the overwriting of science data was due to the unplanned downtime of DSS-63.

- On day 203, SWAVES reset at 13:10:48z. This was the second reset of SWAVES on the Behind spacecraft.
- The average daily SSR playback volume for Behind was 4.7 Gbits during this week.